

CLAIMS:

1. (Previously Presented): A method of synchronizing data in a distributed data processing system comprising:

- storing a master data in at least one legacy computer system;
- enabling a first non-legacy computer to support synchronization;
- storing a copy of the master data in a second non-legacy computer;
- executing, by said second non-legacy computer, at least one operation on said copy of the master data;
- sending, by said second non-legacy computer, said at least one operation to said first non-legacy computer;
- replaying, by said first non-legacy computer, said at least one operation;
- determining whether the at least one operation is successful; and
- in response to a determination that the at least one operation is successful, synchronizing said master data by applying said at least one operation to form a modified copy of the master data.

2. (Previously Presented): The method in claim 1, further comprising sending, by the second non-legacy computer, a synchronization protocol to the first non-legacy computer.

3. (Previously Presented): The method in claim 1, wherein said at least one operation further comprises at least two operations which are replayed by said first non-legacy computer sequentially.

4. (Previously Presented): The method in claim 1, wherein the replaying, by said first non-legacy computer further comprises:

- sending by said first non-legacy computer the results from said at least one operation, to said second non-legacy computer; and
- sending by said first non-legacy computer the modified copy of the master data, to said second non-legacy computer.

5. (Previously Presented): The method in claim 1, further comprises:
responsive to a determination that the at least one operation is not successful, not
synchronizing the master data.

6-23. (Canceled)

24. (New): An apparatus in a middle-tier computer, comprising:
a processor; and
a memory coupled to the processor, wherein the memory comprises instructions
which, when executed by the processor, cause the processor to:
receive, via a first software connector, at least one operation from a thin client
computer, wherein the thin client computer stores a copy of master data from a legacy
computer and executes the at least one operation on the copy of the master data;
sequentially replay the at least one operation on the master data at the legacy
computer via a second software connector;
determine whether the at least one operation is successful; and
in response to a determination that the at least one operation is successful,
synchronize the master data by applying the at least one operation via the second
software connector to form new master data at the legacy computer, such that in response
to a determination that the at least one operation is not successful, the middle-tier
computer does not synchronize the master data.

25. (New): The apparatus in claim 24, wherein instructions further cause the processor
to:
receive a synchronization protocol from the thin client computer via the first
software connector.

26. (New): The apparatus in claim 24, wherein the at least one operation further
comprises at least two operations that are replayed by the middle-tier computer
sequentially.

27. (New): The apparatus in claim 24, wherein replaying the at least one operation on the master data at the legacy computer further comprises:

sending the results from the at least one operation to the thin client computer via the first software connector; and

sending the new master data to the thin client computer via the first software connector.

28. (New): A computer program product comprising a computer recordable medium having a computer readable program recorded thereon, wherein the computer readable program, when executed on a middle tier computer, causes the middle tier computer to:

receive, via a first software connector, at least one operation from a thin client computer, wherein the thin client computer stores a copy of master data from a legacy computer and executes the at least one operation on the copy of the master data;

sequentially replay the at least one operation on the master data at the legacy computer via a second software connector;

determine whether the at least one operation is successful; and

in response to a determination that the at least one operation is successful, synchronize the master data by applying the at least one operation via the second software connector to form new master data at the legacy computer, such that in response to a determination that the at least one operation is not successful, the middle-tier computer does not synchronize the master data.

29. (New): The computer program product in claim 28, wherein the computer readable program further causes the middle tier computer to:

receive a synchronization protocol from the thin client computer via the first software connector.

30. (New): The computer program product in claim 28, wherein the at least one operation further comprises at least two operations that are replayed by the middle-tier computer sequentially.

31. (New): The computer program product in claim 28, wherein replaying the at least one operation on the master data at the legacy computer further comprises:

sending the results from the at least one operation to the thin client computer via the first software connector; and

sending the new master data to the thin client computer via the first software connector.